PATENT COOPERATION TREATY INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY **PCT** To: Amersham Biosciences AB NOTIFICATION OF TRANSMITTAL OF Björkgatan 30 INTERNATIONAL PRELIMINARY **EXAMINATION REPORT** 751 84 Uppsala RECEIVED Sweden (PCT Rule 71.1) 05 APR 2004 Date of mailing (day/month/year) 11-03-2004 Applicant's or agent's file reference **IMPORTANT NOTIFICATION** PU0201-PCT International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/SE2002/002352 17-12-2002 02-01-2002 Applicant

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication 2. to all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

REMINDER

et al

Amersham Biosciences AB

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in som Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary axamination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

KP ~ PU 0201-PCT

Name and mailing address of the IPEA/ Patent- och registreringsverket

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Form PCT/IPEA/416 (July 1992)



(PCT Article 36 and Rule 70)

FOR FURTHER ACTION See Form PCT/IPEA/416	A - liant's or egent's file reference				
International application No.	Applicant's or agent's file reference	FOR FURTHER ACTION See Form PCT/IPEA/416			
International Patent Classification (IPC) or national classification and IPC		: : : : : : : : : : : : : : : : : : :	Priority data (day/month/year)		
International Patent Classification (IPC) or national classification and IPC B01J 20/26, C08J 3/16, B01D 15/08 Applicant Amersham Biosciences AB et al 1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This report is also accompanied by ANNEXES, comprising: a (sent to the applicant and to the International Bureau) a total of sheets, as follows:		_			
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Patent- och registreringsverket					
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l'	Facsimile No. +46 8 667 72 88	Telephone No. +4	6 8 782 25 00		

Form PCT/IPEA/409 (cover sheet) (January 2004)

Вох	No. 1	Basis of the report			
1.		n regard to the language, this report is based on the international application in the language in rwise indicated under this item.	n which it was filed, unless		
	This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:				
		international search (under Rules 12.3 and 23.1(b))			
		publication of the international application (under Rule 12.4)			
		international preliminary examination (under Rules 55.2 and/or 55.3)			
2.	furnisi	n regard to the elements of the international application, this report is based on (replaceme ished to the receiving Office in response to an invitation under Article 14 are referred to in this are not annexed to this report):	nt sheets which have been report as "originally filed"		
	\bowtie	the international application as originally filed/furnished			
-		the description:	- i si sila Glad/6:-ish d		
		pages as pages* received by this Authority on	originally filed/furnished		
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			originally filed/furnished		
		pages* as amended (together with any s			
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		pages* received by this Authority on			
		the drawings:			
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		a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Lis	sting.		
3.		The amendments have resulted in the cancellation of:			
		the description, pages			
		the claims, Nos.			
		the drawings, sheets/figs			
		the sequence listing (specify):			
		any table(s) related to the sequence listing (specify):			
4.		This report has been established as if (some of) the amendments annexed to this report and made, since they have been considered to go beyond the disclosure as filed, as indicated in the 70.2(c)).			
		the description, pages			
		the claims, Nos.			
		the drawings, sheets/figs			
		the sequence listing (specify):			
		any table(s) related to the sequence listing (specify):			
*	If itom	m 4 applies, some or all of those sheets may be marked "superseded."			
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Box No. V Reasoned statement un citations and explanation		nder Article 3 ions supporti	5(2) with regard to novelty, inv ng such statement	rentive step or industrial applicability;	
1. Statement	t				
Novelty (N)		Claims	1-24		YES
		Claims			МО
Inven	itive step (IS)	Claims	1-24		YES
		Claims			NO
Indus	trial applicability (IA)	Claims	1-24	,	YES
		Claims			NO

2. Citations and explanations (Rule 70.7)

Cited documents:

- 1. WO 9719347 A1 (PHARMACIA BIOTECH AB)
- WO 0012618 A1 (AMERSHAM PHARMACIA BIOTECH AB)
- 3. WO 0012618 A1 (AMERSHAM PHARMACIA BIOTECH AB)

The documents cited in the International Search Report represent background art.

The invention defined in claims 1-24 is not disclosed by any of these documents.

None of the cited documents gives any indication towards the claimed method of producing hierarchical porous beads. No relevant combination of the cited documents would lead a person skilled in the art to the invention defined in the claims.

Therefore, the invention defined in claims 1-24 is novel and is considered to involve an inventive step. It is also considered to be industrially applicable.